

# XtendiMax Paired Soil Residual Herbicide Programs (Arlington, WI 2022)

## Trial Information

Trial Sponsor(s): Bayer

Objective: Evaluate the potential benefit of adding XtendiMax to the tank with traditional PRE herbicides

Crop: XtendFlex Soybean

Variety: AG20XF1

Weed species (pressure): common ragweed (moderate-high)  
velvetleaf (moderate)  
common lambsquarters (moderate)

Herbicide Application(s): PRE – 5/10

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For the full report see trial #22-ARL-SB01 in the [2022 Wisconsin Weed Science Research Report](#)



**Cropping Systems Weed Science**  
UNIVERSITY OF WISCONSIN-MADISON



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Trt #	Herbicide (rate acre <sup>-1</sup> )	C. Ragweed		Lambsquarters		Velvetleaf	
		23 DAT	36 DAT	23 DAT	36 DAT	23 DAT	36 DAT
1	Untreated Check	0	0	0	0	0	0
<b>One-Pass – PRE (5/10)</b>							
2	Warrant (48 fl oz) + Mauler (8 fl oz)	71	84	91	92	61	78
8	Warrant (48 fl oz) + Mauler (8 fl oz) + XtendiMax (22 fl oz)*	99	99	99	98	85	92
3	Warrant (48 fl oz)	79	75	89	83	44	61
9	Warrant (48 fl oz) + XtendiMax (22 fl oz)*	98	98	99	97	87	90
4	Warrant Ultra (50 fl oz)	71	81	96	85	49	63
10	Warrant Ultra (50 fl oz) + XtendiMax (22 fl oz)*	100	99	100	98	79	86
5	Fierce EZ (6 fl oz)	91	90	99	97	95	97
11	Fierce EZ (6 fl oz) + XtendiMax (22 fl oz)*	98	98	99	98	90	93
6	Valor EZ (2 fl oz)	92	88	99	99	96	98
12	Valor EZ (2 fl oz) + XtendiMax (22 fl oz)*	99	99	99	99	98	99
7	Authority MTZ (10 oz)	82	85	97	92	54	74
13	Authority MTZ (10 oz) + XtendiMax (22 fl oz)*	99	98	97	98	82	88
14	XtendiMax (22 fl oz)*	97	99	95	88	85	91
		LSD ( $\alpha=0.10$ )	11	6	ns	5	20
		p value	<0.001	<0.001	0.125	<0.001	<0.001

\*Visual control from 70-100% is illustrated on a color scale with green representing greater weed control values.

\*All treatments with XtendiMax included 20 fl oz/a VaporGrip Xtra, a volatility reducing agent.

# XtendiMax Paired Soil Residual Herbicide Programs (Arlington, WI 2022)

Plot pictures taken on 6/2  
23 days after the PRE application

The numbers in the upper right-hand corner are the average % common ragweed and velvetleaf control of 4 replications

# XtendiMax Paired Soil Residual Herbicide Programs (Arlington, WI 2022)



**23 days after PRE (6/2)**  
**Untreated Check**

**0%**



**23 days after PRE (6/2)**  
**PRE: 48 fl oz Warrant + 8 fl oz Mauler**

**C. Ragweed = 71%**  
**Velvetleaf = 61%**



**23 days after PRE (6/2)**

**PRE: 48 fl oz Warrant + 8 fl oz Mauler + 22 fl oz XtendiMax**

**C. Ragweed = 99%**  
**Velvetleaf = 85%**



23 days after PRE (6/2)  
PRE: 48 fl oz Warrant

C. Ragweed = 79%  
Velvetleaf = 44%



23 days after PRE (6/2)

PRE: 48 fl oz Warrant + 22 fl oz XtendiMax

C. Ragweed = 98%

Velvetleaf = 87%



**23 days after PRE (6/2)**  
**PRE: 50 fl oz Warrant Ultra**

**C. Ragweed = 71%**  
**Velvetleaf = 49%**



**23 days after PRE (6/2)**  
**PRE: 50 fl oz Warrant Ultra + 22 fl oz XtendiMax**

**C. Ragweed = 100%**  
**Velvetleaf = 79%**



**23 days after PRE (6/2)**  
**PRE: 6 fl oz Fierce EZ**

**C. Ragweed = 91%**  
**Velvetleaf = 95%**



**23 days after PRE (6/2)**

**PRE: 6 fl oz Fierce EZ + 22 fl oz XtendiMax**

**C. Ragweed = 98%**  
**Velvetleaf = 90%**



**23 days after PRE (6/2)**  
**PRE: 2 fl oz Valor EZ**

**C. Ragweed = 92%**  
**Velvetleaf = 96%**



**23 days after PRE (6/2)**  
**PRE: 2 fl oz Valor EZ + 22 fl oz XtendiMax**

**C. Ragweed = 99%**  
**Velvetleaf = 98%**



23 days after PRE (6/2)  
PRE: 10 oz Authority MTZ

C. Ragweed = 82%  
Velvetleaf = 54%



**23 days after PRE (6/2)**  
**PRE: 10 oz Authority MTZ + 22 fl oz XtendiMax**

**C. Ragweed = 99%**  
**Velvetleaf = 82%**



**23 days after PRE (6/2)  
PRE: 22 fl oz XtendiMax**

**C. Ragweed = 97%  
Velvetleaf = 85%**



# XtendiMax Paired Soil Residual Herbicide Programs (Arlington, WI 2022)

Plot pictures taken on 6/15  
36 days after the PRE application

The numbers in the upper right-hand corner are the average % common ragweed and velvetleaf control of 4 replications

**36 days after PRE (6/15)**  
**Untreated Check**

**0%**



**36 days after PRE (6/15)**

**PRE: 48 fl oz Warrant + 8 fl oz Mauler**

**C. Ragweed = 84%**

**Velvetleaf = 78%**



36 days after PRE (6/15)

PRE: 48 fl oz Warrant + 8 fl oz Mauler + 22 fl oz XtendiMax

C. Ragweed = 99%  
Velvetleaf = 92%



**36 days after PRE (6/15)**  
**PRE: 48 fl oz Warrant**

**C. Ragweed = 75%**  
**Velvetleaf = 61%**



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36 days after PRE (6/15)

PRE: 48 fl oz Warrant + 22 fl oz XtendiMax

C. Ragweed = 98%

Velvetleaf = 90%



**36 days after PRE (6/15)**  
**PRE: 50 fl oz Warrant Ultra**

**C. Ragweed = 81%**  
**Velvetleaf = 63%**



36 days after PRE (6/15)

PRE: 50 fl oz Warrant Ultra + 22 fl oz XtendiMax

C. Ragweed = 99%

Velvetleaf = 86%



**36 days after PRE (6/15)**  
**PRE: 6 fl oz Fierce EZ**

**C. Ragweed = 90%**  
**Velvetleaf = 97%**



**36 days after PRE (6/15)**

**PRE: 6 fl oz Fierce EZ + 22 fl oz XtendiMax**

**C. Ragweed = 98%**  
**Velvetleaf = 93%**



36 days after PRE (6/15)

PRE: 2 fl oz Valor EZ

C. Ragweed = 88%  
Velvetleaf = 98%



**36 days after PRE (6/15)**  
**PRE: 2 fl oz Valor EZ + 22 fl oz XtendiMax**

**C. Ragweed = 99%**  
**Velvetleaf = 99%**



**36 days after PRE (6/15)**  
**PRE: 10 oz Authority MTZ**

**C. Ragweed = 85%**  
**Velvetleaf = 74%**



**36 days after PRE (6/15)**  
**PRE: 10 oz Authority MTZ + 22 fl oz XtendiMax**

**C. Ragweed = 98%**  
**Velvetleaf = 88%**



**36 days after PRE (6/15)**  
**PRE: 22 fl oz XtendiMax**

**C. Ragweed = 99%**  
**Velvetleaf = 91%**

